ABSTRACT

There is provided a method of correcting position and attitude of an object to be held capable of reducing the number of image processing steps and simplifying the method of correcting shifts in the position and attitude of the object with respect to a holding member. The object to be held is detachably held to the holding member and a fiducial mark 1 and a fiducial mark 2 are applied to the object. First, the fiducial mark 1 is subjected to an image processing so as to obtain position data of the fiducial mark 1 (S2). Next, the holding member holding the object to be held is rotated substantially by 180 degrees in a horizontal plane (S3). Then, the fiducial mark 2 rotated by 180 degrees is subjected to an image processing so as to obtain position data of the fiducial mark 2 (S4). Next, according to the position data of the fiducial mark 1 and the fiducial mark 2, a position shift amount from the rotational center of the holding member to the center of the object to be held is calculated and an angle shift amount of the holding member with respect to the fiducial line in the horizontal plane is calculated.